

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
19 February 2004 (19.02.2004)

PCT

(10) International Publication Number
WO 2004/014361 A1

(51) International Patent Classification⁷: **A61K 31/33**,
C07D 519/00, A61P 31/04 // (C07D 519/00, 513:00,
471:00) (C07D 519/00, 498:00, 471:00)

[GB/GB]; GlaxoSmithKline, New Frontiers Science Park
South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(21) International Application Number:
PCT/EP2003/008153

(74) Agent: VALENTINE, Jill, Barbara; GlaxoSmithKline,
980 Great West Road, Brentford, Middlesex TW8 9GS
(GB).

(22) International Filing Date: 23 July 2003 (23.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(30) Priority Data:
0217294.8 25 July 2002 (25.07.2002) GB

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): GLAXO
GROUP LIMITED [GB/GB]; Glaxo Wellcome House,
Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): DAVIES, David,
Thomas [GB/GB]; GlaxoSmithKline, New Frontiers
Science Park South, Third Avenue, Harlow, Essex CM19
5AW (GB). ELDER, John, Stephen [GB/GB]; Glaxo-
SmithKline, New Frontiers Science Park South, Third
Avenue, Harlow, Essex CM19 5AW (GB). FORREST,
Andrew, Keith [GB/GB]; GlaxoSmithKline, New Fron-
tiers Science Park South, Third Avenue, Harlow, Essex
CM19 5AW (GB). JARVEST, Richard, Lewis [GB/GB];
GlaxoSmithKline, New Frontiers Science Park South,
Third Avenue, Harlow, Essex CM19 5AW (GB). PEAR-
SON, Nell, David [GB/GB]; GlaxoSmithKline, New
Frontiers Science Park South, Third Avenue, Harlow,
Essex CM19 5AW (GB). SHEPPARD, Robert, John

Published:

— with international search report

(48) Date of publication of this corrected version:
8 April 2004

(15) Information about Correction:
see PCT Gazette No. 15/2004 of 8 April 2004, Section II

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: AMINOCYCLOHEXENE QUINOLINES AND THEIR AZAISOSTERIC ANALOGUES WITH ANTIBACTERIAL
ACTIVITY

(57) Abstract: Cyclohexene derivatives and pharmaceutically acceptable derivatives thereof useful in methods of treatment of bac-
terial infections in mammals, particularly man.

WO 2004/014361 A1